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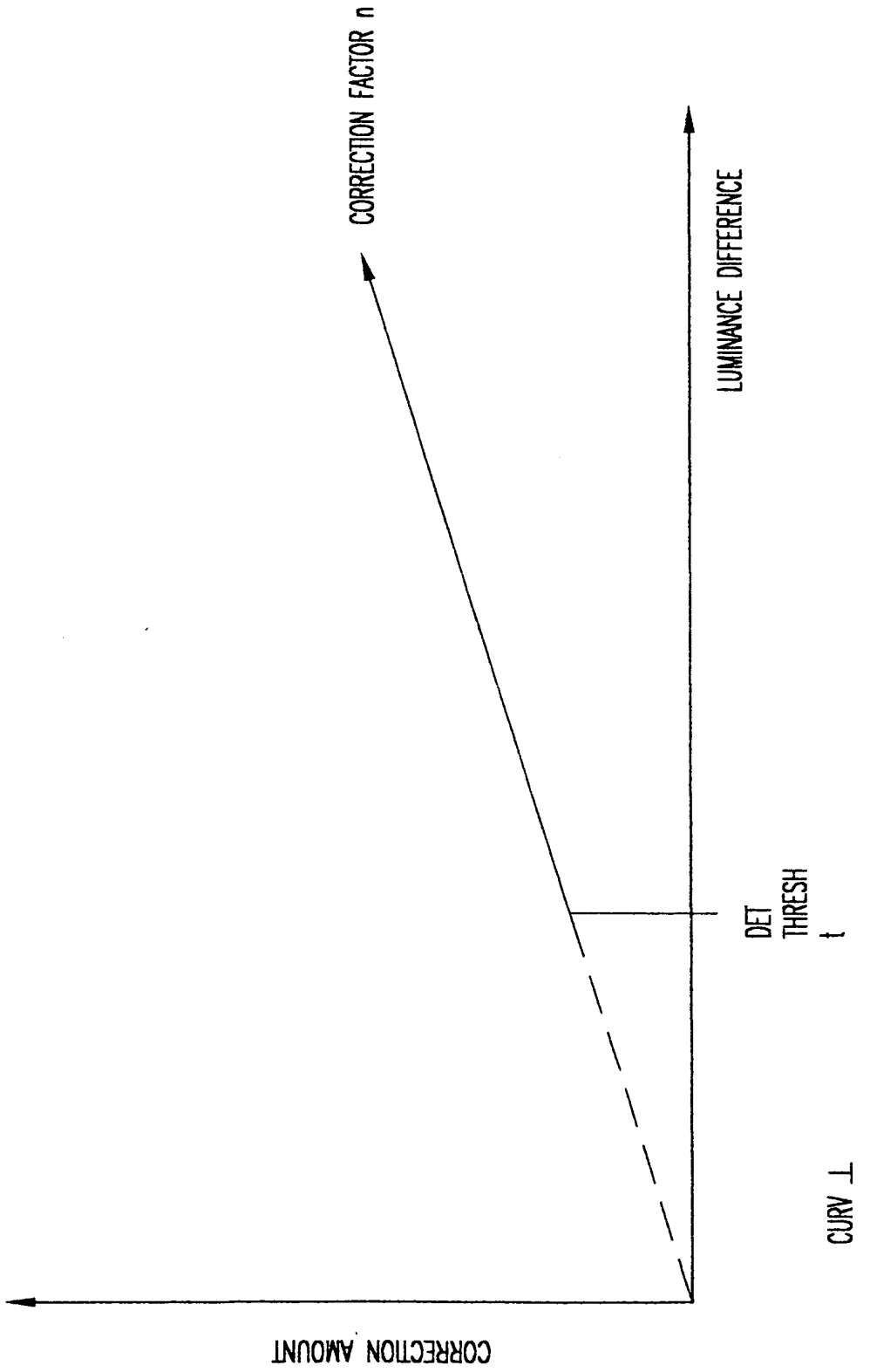

FIG. 1

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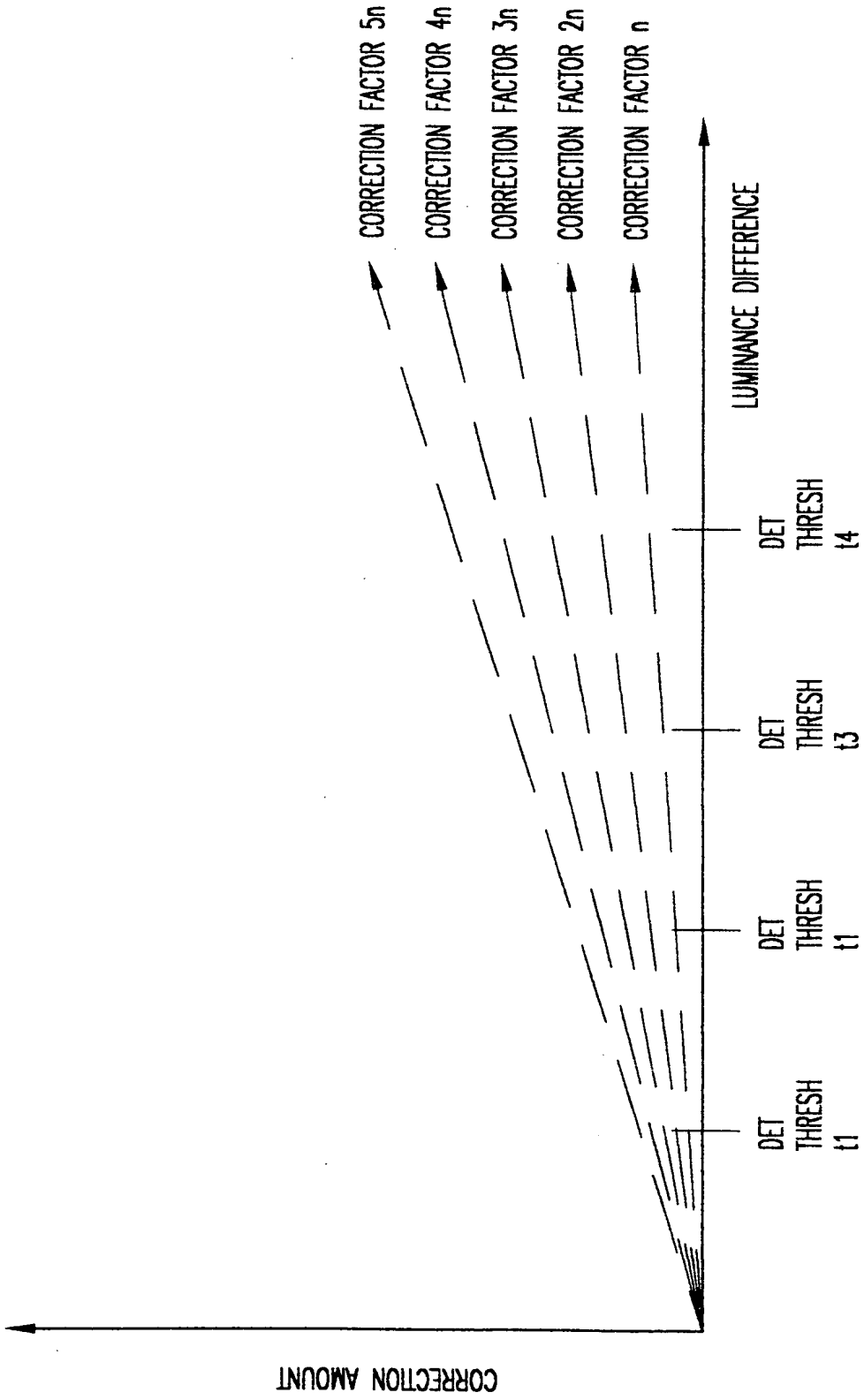

FIG. 2

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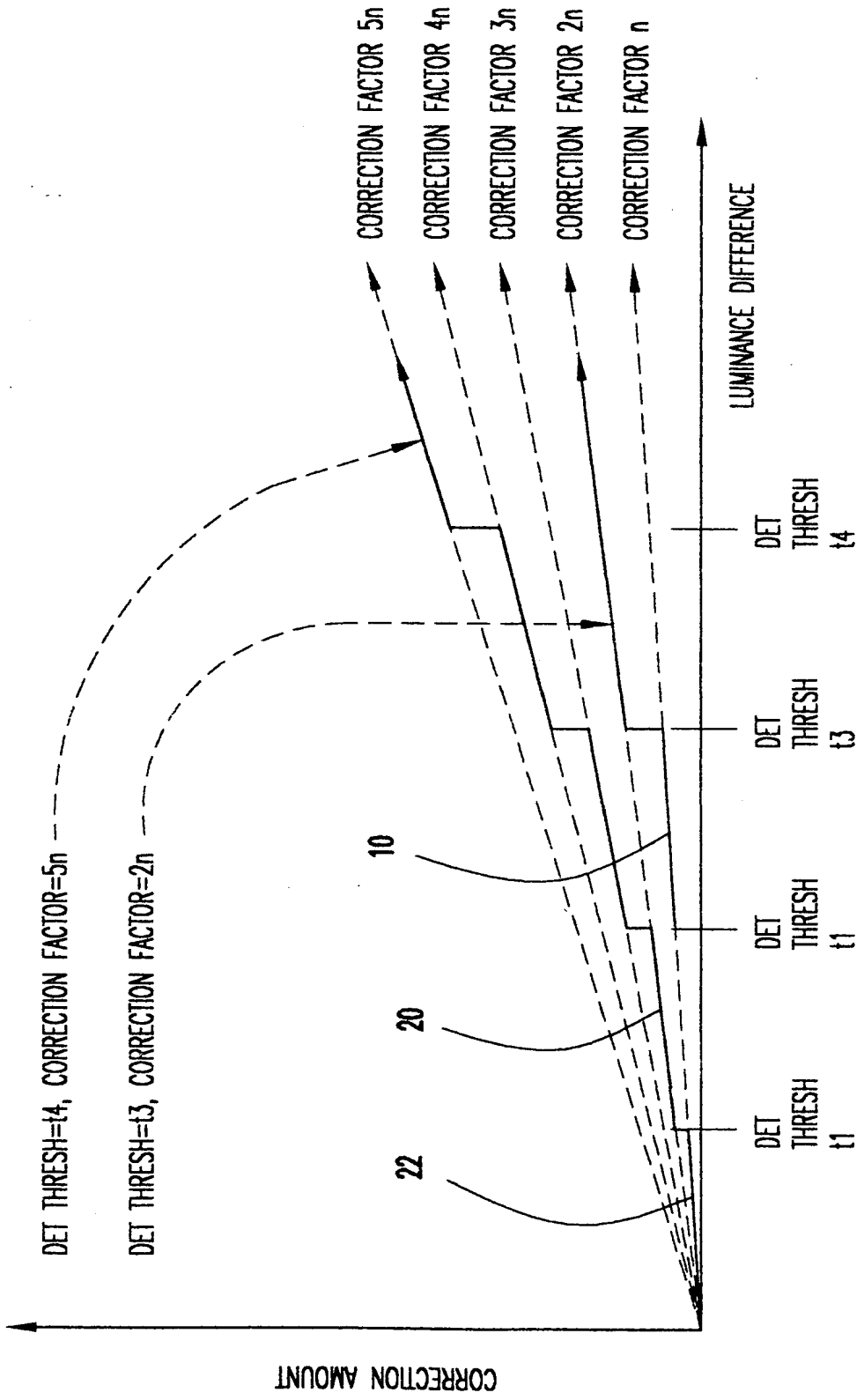

FIG. 3

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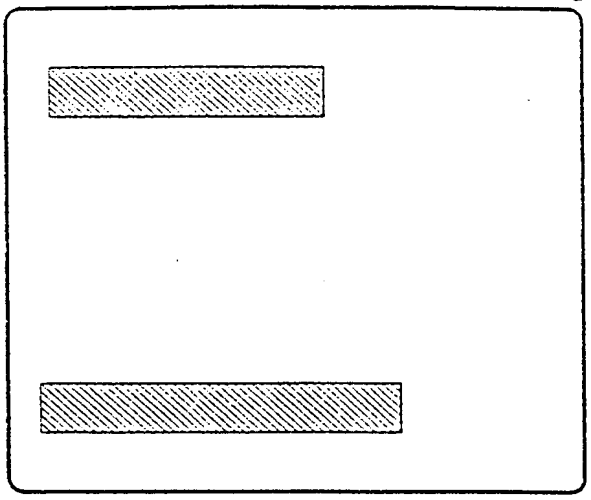
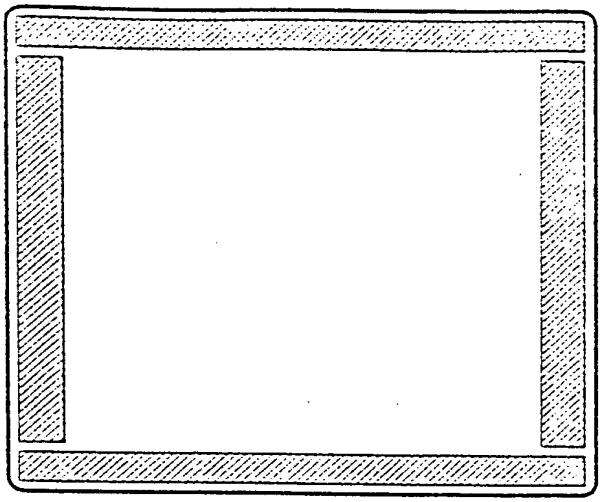
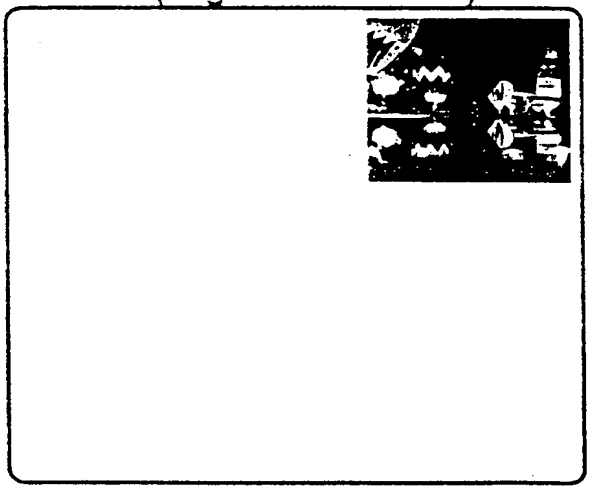
Plane 1 (e.g. Graphics) 41



Plane 2 (e.g. Graphics) 42



Plane 3 (e.g. Scaled Video) 43



Plane 4 (e.g. Graphics) 44

Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text
Plane 4 text	Plane 4 text	Plane 4 text

Plane 5 (e.g. Video)

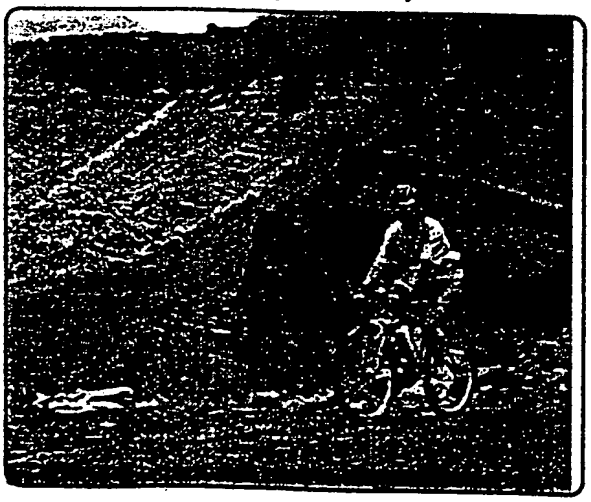


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FIG.4

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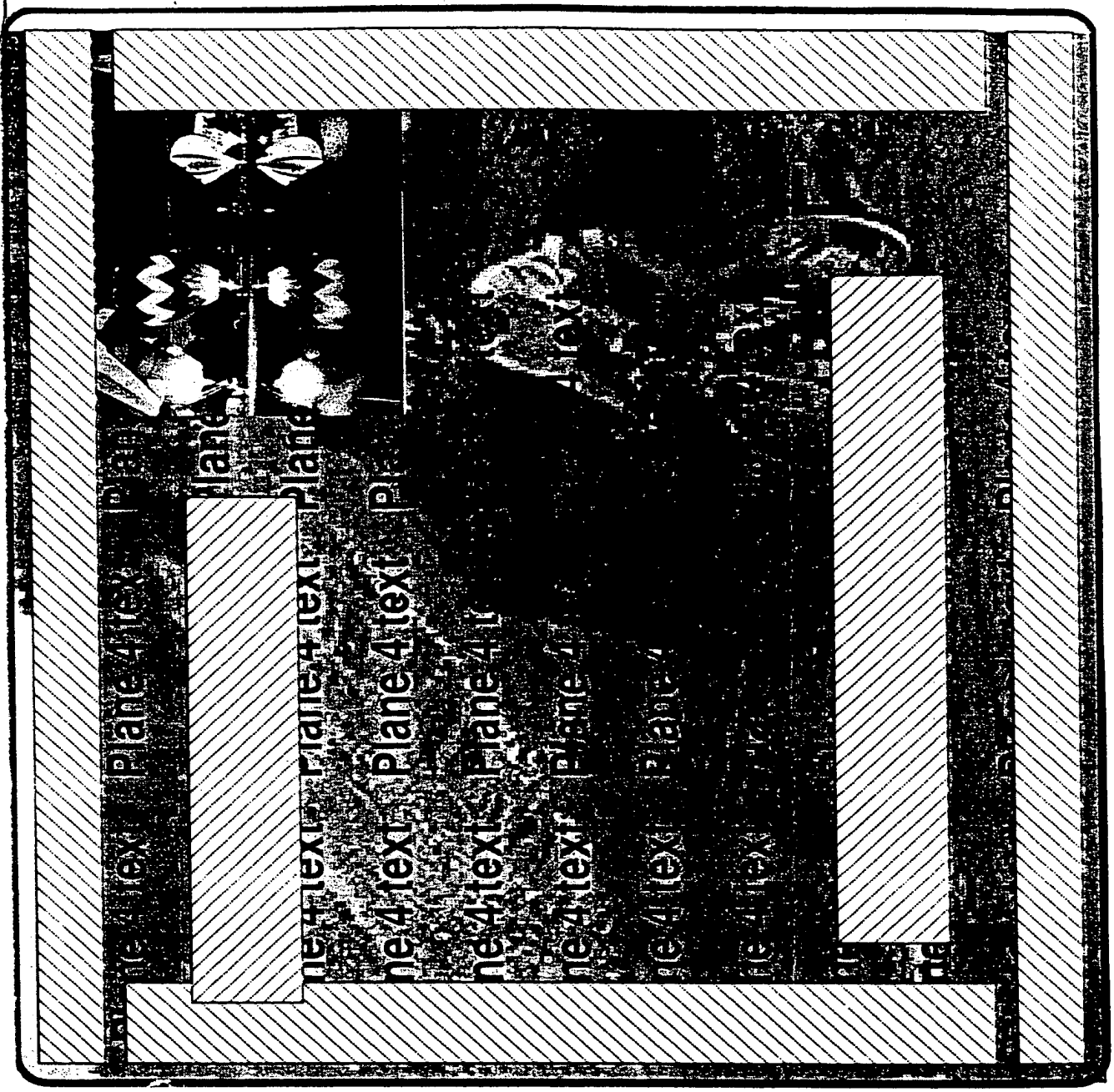
Plane 4 text
Plane 4 text
Plane 4 text

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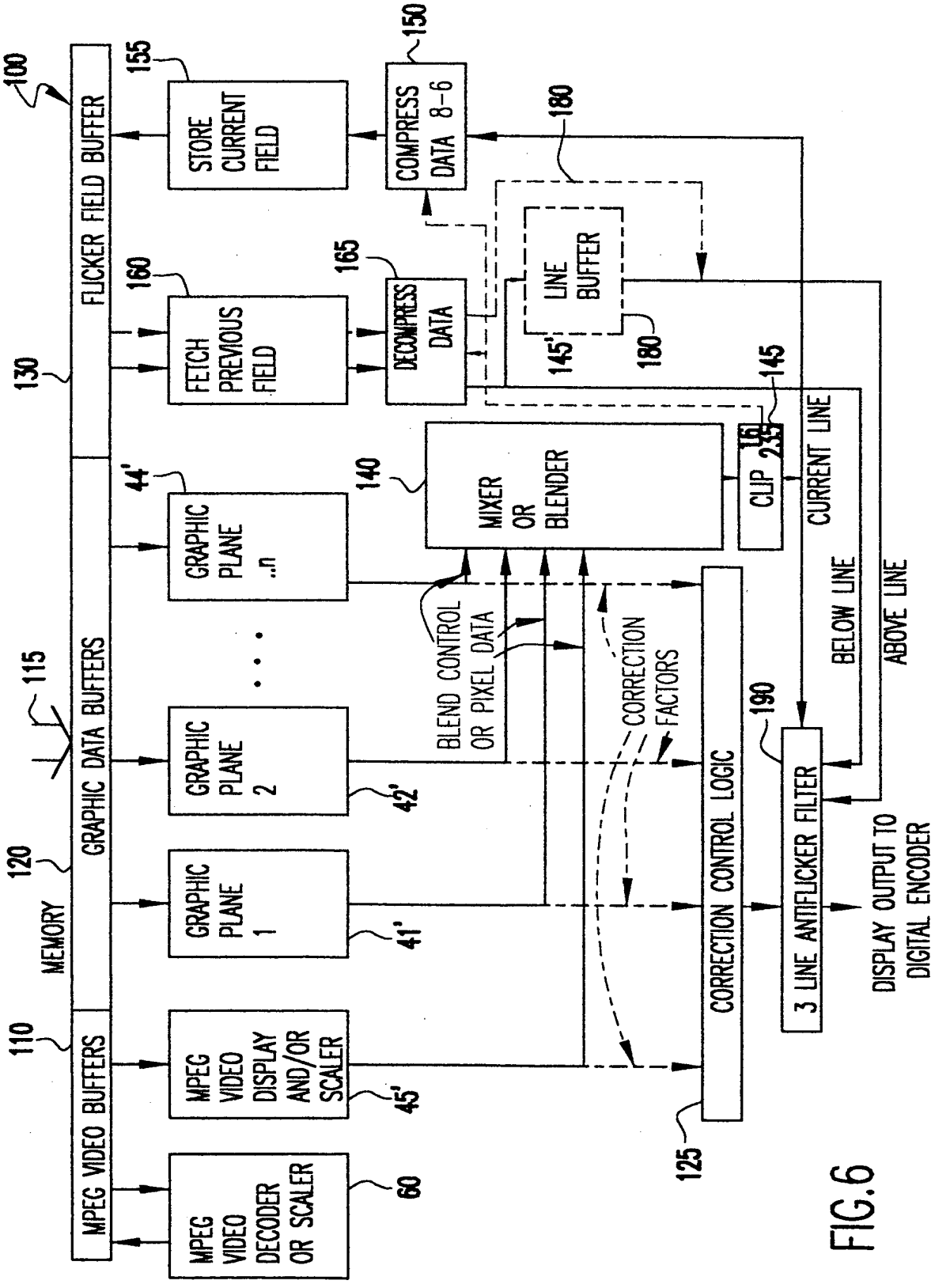

FIG.6

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EXAMPLE OF COMPRESSION USING QUANTIZE OF 2 BITS
AND POSSIBLE EXTENDED RUN CODES

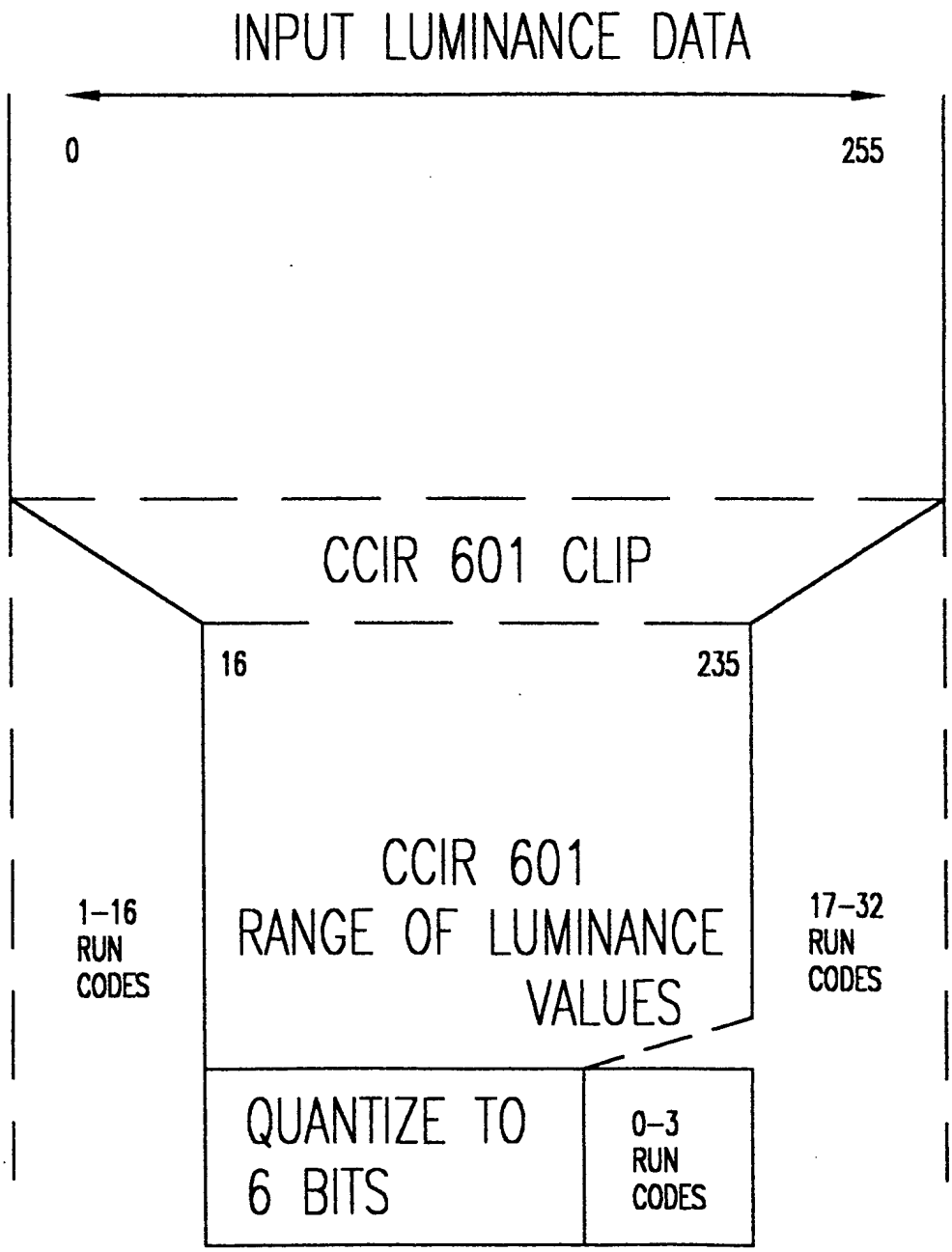

FIG. 7

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EXAMPLE OF COMPRESSION USING QUANTIZAION OF 2 BITS WITH 32 POSSIBLE EXTENDED RUN CODES

INPUT PIXEL #	LUMINAMCE DATA(8 BITS)	====> COMPRESSED DATA (8 BITS)	COMPRESSED OUTPUT DATA
1	A	A(6 BITS) || "00"	0
2	B		
3	B	B(6 BITS) || "01"	1
4	C	C(6 BITS) || "00"	2
5	D		
6	D		
7	D		
8	D	D(6 BITS) || "11"	3
9	D		
10	D		
11	D		
22	D		
23	D	0-16	
24	D	"0000" || "1111"	4
25	E		
26	E		
27	E		
28	E	E(6 BITS) || "11"	5
29	E		
58	E		
59	E	17-32	
60	E	"1111" || "1111"	6
61	F		
62	F	F(6 BITS) || "01"	7
63	G		

NOTE: || MEANS CONCATENATION

FIG. 8

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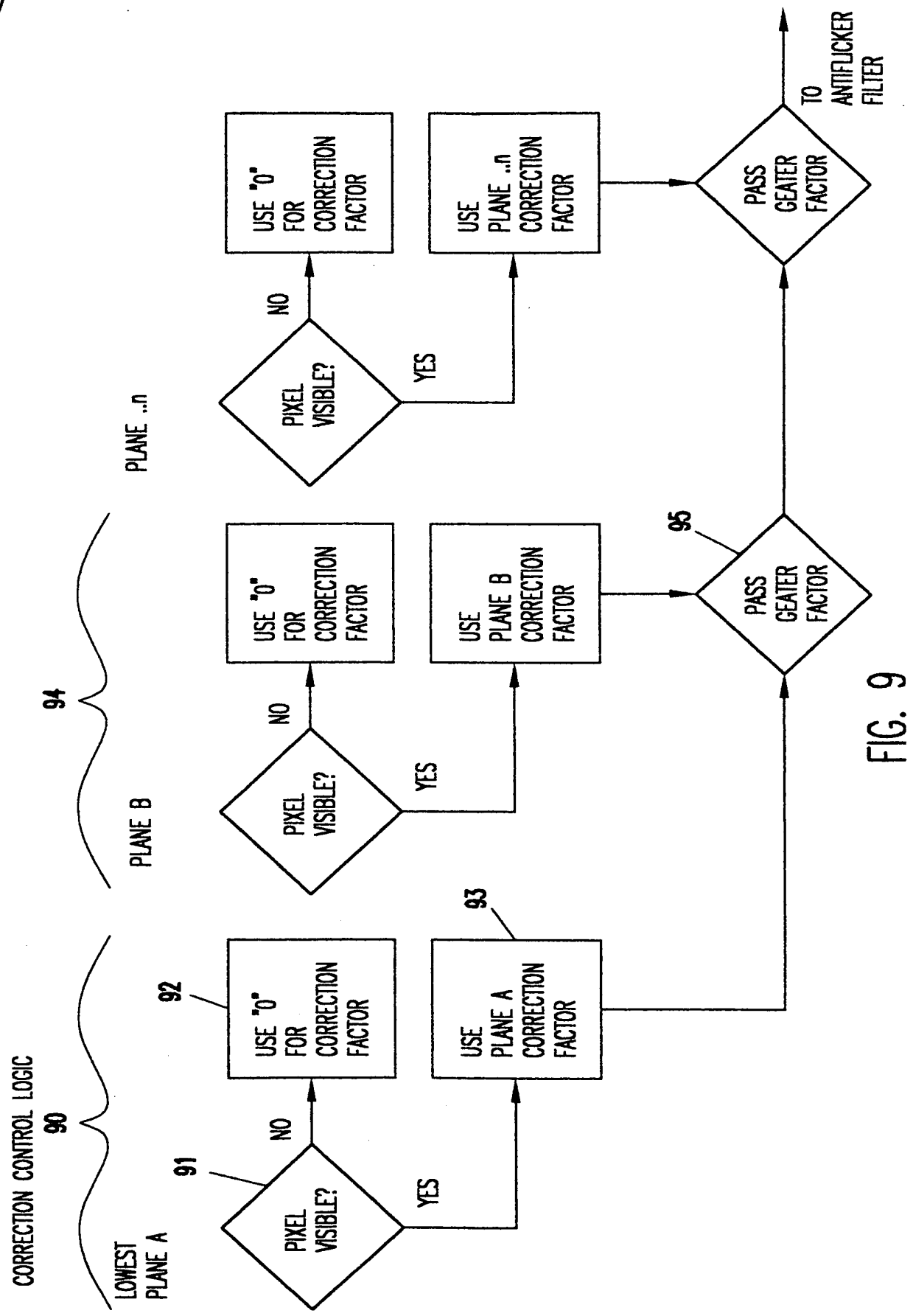

FIG. 9

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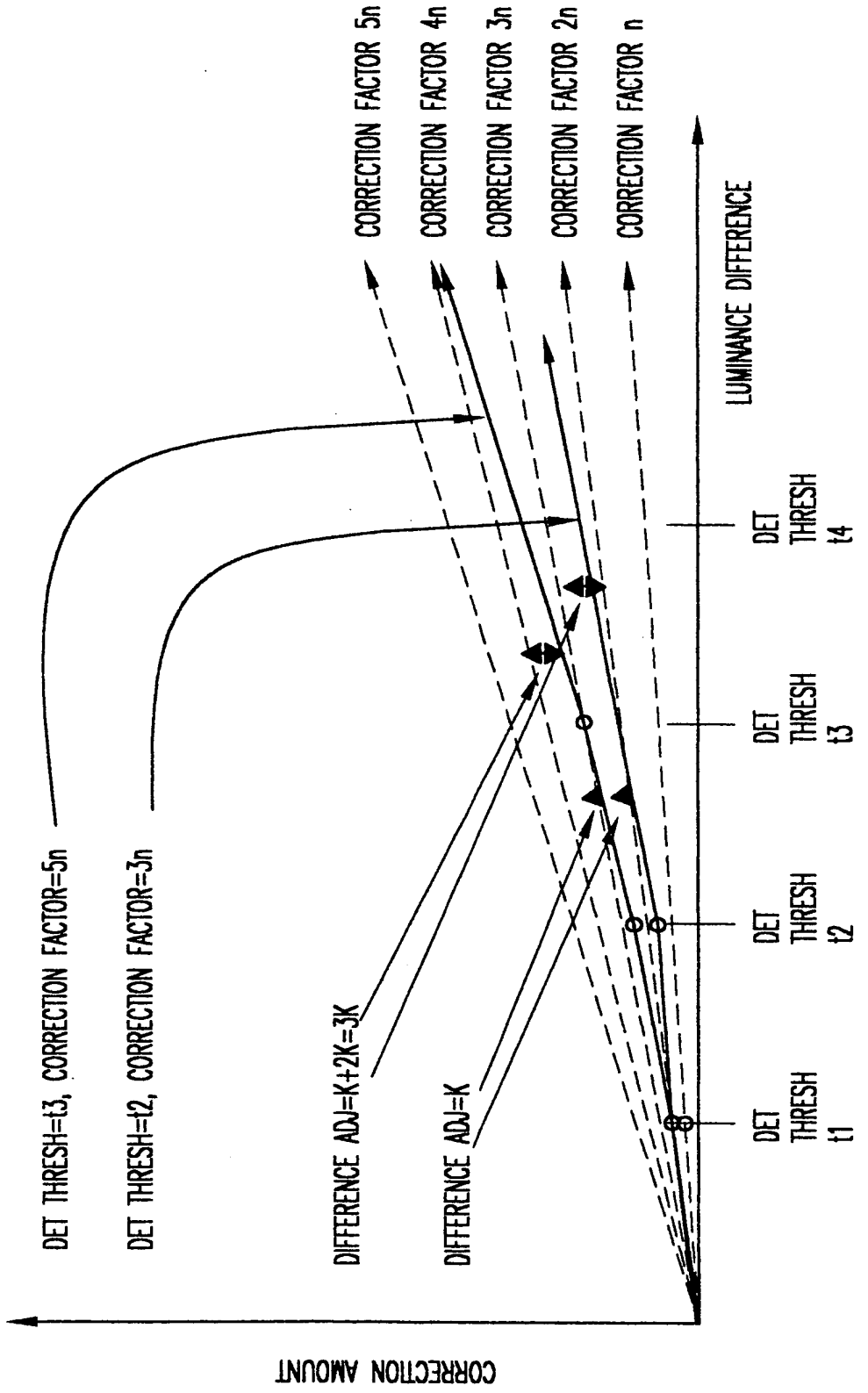

FIG. 10